

## FGF-18 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03208
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the C-terminal region of human FGF18. AA range:158-207
<b>Mol wt</b>	23989
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	FGF-18 Antibody
<b>Synonyms</b>	FGF18; Fibroblast growth factor 18; FGF-18; zFGF5

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Fibroblast growth factor 18 encoded by FGF18 is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth, and invasion. It has been shown in vitro that this protein is able to induce neurite outgrowth in PC12 cells. Studies of the similar proteins in mouse and chick suggested that this protein is a pleiotropic growth factor that stimulates proliferation in a number of tissues, most notably the liver and small intestine. Knockout studies of the similar gene in mice implied the role of this protein in regulating proliferation and differentiation of midline cerebellar structures.

### Recommended Dilution

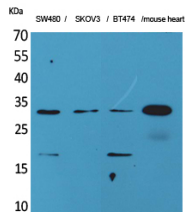
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 300

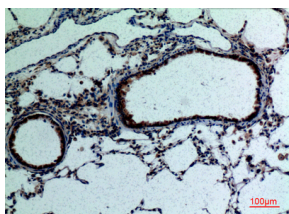
ELISA: 1: 20000

Not yet tested in other applications.

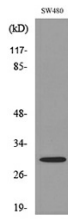
### Images



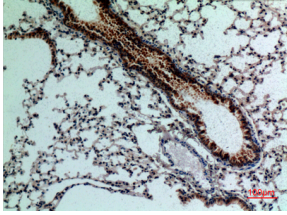
Western Blot analysis of SW480, SKOV3, BT474, mouse heart cells using FGF-18 Polyclonal Antibody. Secondary antibody was diluted at 1:20000 cells nucleus.



Immunohistochemical analysis of paraffin-embedded rat-lung, antibody was diluted at 1:100



Western blot analysis of lysate from SW480 cells, using FGF18 Antibody.



Immunohistochemical analysis of paraffin-embedded mouse-lung, antibody was diluted at 1:100

### Storage

-20°C for one year

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